

HIGHLY ERODIBLE LAND CLASSIFICATION REPORT  
Charles County, Maryland: Detailed Soil Map Legend

| Map<br>Symbol | Soil Mapunit Name   | HEL Classification<br>R= C=    |
|---------------|---|--------------------------------|
| Ad            | ALLUVIAL LAND   | not highly erodible            |
| AuC2          | AURA GRAVELLY SANDY LOAM, 5 TO 10 PERCENT SLOEPS,<br>MODERATELY ERODED  | highly erodible                |
| AuD2          | AURA GRAVELLY SANDY LOAM, 10 TO 15 PERCENT SLOPES,<br>MODERATELY ERODED | highly erodible                |
| AuD3          | AURA GRAVELLY SANDY LOAM, 5 TO 15 PERCENT SLOPES,<br>SEVERELY ERODED    | highly erodible                |
| B1A           | BELTSVILLE SILT LOAM, 0 TO 2 PERCENT SLOPES                             | not highly erodible            |
| B1B2          | BELTSVILLE SILT LOAM, 2 TO 5 PERCENT SLOPES,<br>MODERATELY ERODED       | potentially highly<br>erodible |
| B1C2          | BELTSVILLE SILT LOAM, 5 TO 10 PERCENT SLOPES,<br>MODERATELY ERODED      | highly erodible                |
| B1C3          | BELTSVILLE SILT LOAM, 5 TO 10 PERCENT SLOPES,<br>SEVERELY ERODED        | highly erodible                |
| Bo            | BIBB SILT LOAM  | not highly erodible            |
| BrB2          | BOURNE SANDY LOAM, 2 TO 5 PERCENT SLOPES, MODERATELY<br>ERODED          | potentially highly<br>erodible |
| BrC2          | BOURNE SANDY LOAM, 5 TO 10 PERCENT SLOPES,<br>MODERATELY ERODED         | potentially highly<br>erodible |
| BuC3          | BOURNE SANDY CLAY LOAM, 5 TO 10 PERCENT SLOPES,<br>SEVERELY ERODED      | highly erodible                |
| ChB2          | CHILLUM SILT LOAM, 2 TO 6 PERCENT SLOPES, MODERATELY<br>ERODED          | potentially highly<br>erodible |
| ChC2          | CHILLUM SILT LOAM, 6 TO 12 PERCENT SLOPES,<br>MODERATELY ERODED         | highly erodible                |
| Co            | COASTAL BEACHES   | not highly erodible            |
| CrB2          | CROOM GRAVELLY LOAM, 3 TO 8 PERCENT SLOPES,<br>MODERATELY ERODED        | potentially highly<br>erodible |
| CrC2          | CROOM GRAVELLY LOAM, 8 TO 15 PERCENT SLOPES,<br>MODERATELY ERODED       | highly erodible                |
| CrC3          | CROOM GRAVELLY LOAM, 8 TO 15 PERCENT SLOPES,<br>SEVERELY ERODED         | highly erodible                |
| Cu            | CUT AND FILL LAND   | potentially highly<br>erodible |
| Ek            | ELKTON SILT LOAM  | not highly erodible            |
| ErE           | ERODED LAND, STEEP  | highly erodible                |
| EvB           | EVESBORO LOAMY SAND, 0 TO 8 PERCENT SLOPES                              | potentially highly<br>erodible |
| EvC           | EVESBORO LOAMY SAND, 8 TO 15 PERCENT SLOPES                             | potentially highly<br>erodible |
| EwB           | EVESBORO GRAVELLY LOAMY SAND, 0 TO 8 PERCENT SLOPES                     | potentially highly<br>erodible |
| EwC           | EVESBORO GRAVELLY LOAMY SAND, 8 TO 15 PERCENT SLOPES                    | potentially highly<br>erodible |
| ExC2          | EXUM SILT LOAM, 5 TO 10 PERCENT SLOPES, MODERATELY<br>ERODED            | potentially highly<br>erodible |
| ExC3          | EXUM CLAY LOAM, 5 TO 10 PERCENT SLOPES, SEVERELY<br>ERODED              |                                |
| ExD2          | EXUM SILT LOAM, 10 TO 15 PERCENT SLOPES, MODERATELY<br>ERODED           | highly erodible                |
| EyD3          | EXUM CLAY LOAM, 10 TO 15 PERCENT SLOPES, SEVERELY<br>ERODED             | highly erodible                |
| EzB2          | EXUM-BELTSVILLE SILT LOAMS, 2 TO 5 PERCENT SLOPES,<br>MODERATELY ERODED | potentially highly<br>erodible |
| Fs            | FALLSINGTON SANDY LOAM  | not highly erodible            |
| GaB           | GALESTOWN LOAMY SAND, 0 TO 8 PERCENT SLOPES                             | potentially highly<br>erodible |
| Gp            | GRAVEL AND BORROW PITS  | not highly erodible            |
| GvE           | GRAVELLY LAND, STEEP  | highly erodible                |
| Ik            | IUKA FINE SANDY LOAM  | not highly erodible            |

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|---------------|--|--------------------------------|----|
|               |  | R=                             | C= |
| Im            | IUKA SANDY LOAM, LOCAL ALLUVIUM  | not highly erodible            |    |
| In            | IUKA SILT LOAM, LOCAL ALLUVIUM   | not highly erodible            |    |
| KeA           | KEYPORT FINE SANDY LOAM, 0 TO 2 PERCENT SLOPES                           | not highly erodible            |    |
| KeB2          | KEYPORT FINE SANDY LOAM, 2 TO 5 PERCENT SLOPES,<br>MODERATELY ERODED     | potentially highly<br>erodible |    |
| KpA           | KEYPORT SILT LOAM, 0 TO 2 PERCENT SLOPES                                 | not highly erodible            |    |
| KpB2          | KEYPORT SILT LOAM, 2 TO 5 PERCENT SLOPES, MODERATELY<br>ERODED           | potentially highly<br>erodible |    |
| KpC2          | KEYPORT SILT LOAM, 5 TO 12 PERCENT SLOPES,<br>MODERATELY ERODED          | highly erodible                |    |
| KpC3          | KEYPORT SILTY CLAY LOAM, 5 TO 12 PERCENT SLOPES,<br>SEVERELY ERODED      | highly erodible                |    |
| Le            | LEONARDTOWN SILT LOAM  | potentially highly<br>erodible |    |
| MgA           | MAGNOLIA SILT LOAM, 0 TO 2 PERCENT SLOPES                                | not highly erodible            |    |
| MgB2          | MAGNOLIA SILT LOAM, 2 TO 5 PERCENT SLOPES,<br>MODERATELY ERODED          | potentially highly<br>erodible |    |
| MgC2          | MAGNOLIA SILT LOAM, 5 TO 12 PERCENT SLOPES,<br>MODERATELY ERODED         | potentially highly<br>erodible |    |
| MkC3          | MAGNOLIA CLAY LOAM, 5 TO 12 PERCENT SLOPES, SEVERELY<br>ERODED           | potentially highly<br>erodible |    |
| MlB2          | MARR FINE SANDY LOAM, 2 TO 5 PERCENT SLOPES,<br>MODERATELY ERODED        | potentially highly<br>erodible |    |
| MmA           | MATAPEAKE FINE SANDY LOAM, 0 TO 2 PERCENT SLOPES                         | not highly erodible            |    |
| MmB2          | MATAPEAKE FINE SANDY LOAM, 2 TO 5 PERCENT SLOPES,<br>MODERATELY ERODED   | potentially highly<br>erodible |    |
| MnA           | MATAPEAKE SILT LOAM, 0 TO 2 PERCENT SLOPES                               | not highly erodible            |    |
| MnB2          | MATAPEAKE SILT LOAM, 2 TO 5 PERCENT SLOPES,<br>MODERATELY ERODED         | potentially highly<br>erodible |    |
| MnC2          | MATAPEAKE SILT LOAM, 5 TO 10 PERCENT SLOPES,<br>MODERATELY ERODED        | potentially highly<br>erodible |    |
| MnC3          | MATAPEAKE SILT LOAM, 5 TO 10 PERCENT SLOPES,<br>SEVERELY ERODED          | potentially highly<br>erodible |    |
| Ms            | MATAWAN LOAMY SAND   | potentially highly<br>erodible |    |
| MtA           | MATTAPEX FINE SANDY LOAM, 0 TO 2 PERCENT SLOPES                          | not highly erodible            |    |
| MtB2          | MATTAPEX FINE SANDY LOAM, 2 TO 5 PERCENT SLOPES,<br>MODERATELY ERODED    | potentially highly<br>erodible |    |
| MuA           | MATTAPEX SILT LOAM, 0 TO 2 PERCENT SLOPES                                | not highly erodible            |    |
| MuB2          | MATTAPEX SILT LOAM, 2 TO 5 PERCENT SLOPES,<br>MODERATELY ERODED          | potentially highly<br>erodible |    |
| MxC           | MATTAPEX SOILS, 5 TO 12 PERCENT SLOPES                                   | potentially highly<br>erodible |    |
| OcB           | OCHLOCKONEE FINE SANDY LOAM, LOCAL ALLUVIUM, 0 TO 5<br>PERCENT SLOPES    | potentially highly<br>erodible |    |
| Or            | OSIER LOAMY SAND   | not highly erodible            |    |
| Os            | OTHELLO FINE SANDY LOAM  | not highly erodible            |    |
| Ot            | OTHELLO SILT LOAM  | not highly erodible            |    |
| RdB2          | RUMFORD LOAMY SAND, 0 TO 5 PERCENT SLOPES,<br>MODERATELY ERODED          | not highly erodible            |    |
| RdC2          | RUMFORD LOAMY SAND, 5 TO 10 PERCENT SLOPES,<br>MODERATELY ERODED         | potentially highly<br>erodible |    |
| RgB2          | RUMFORD GRAVELLY SANDY LOAM, 0 TO 5 PERCENT SLOPES<br>MODERATELY ERODED  | not highly erodible            |    |
| RgC2          | RUMFORD GRAVELLY SANDY LOAM, 5 TO 10 PERCENT SLOPES<br>MODERATELY ERODED | potentially highly<br>erodible |    |
| SaE           | SANDY LAND, STEEP  | highly erodible                |    |
| ShA           | SASSAFRAS SANDY LOAM, 0 TO 2 PERCENT SLOPES                              | not highly erodible            |    |
| ShB2          | SASSAFRAS SANDY LOAM, 2 TO 5 PERCENT SLOPES,<br>MODERATELY ERODED        | potentially highly<br>erodible |    |

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Charles County, Maryland: Detailed Soil Map Legend

| Map<br>Symbol | Soil Mapunit Name  | HEL Classification<br>R= C=    |
|---------------|--|--------------------------------|
| ShC2          | SASSAFRAS SANDY LOAM, 5 TO 10 PERCENT SLOPES,<br>MODERATELY ERODED       | potentially highly<br>erodible |
| ShC3          | SASSAFRAS SANDY LOAM, 5 TO 10 PERCENT SLOPES,<br>SEVERELY ERODED         | potentially highly<br>erodible |
| ShD2          | SASSAFRAS SANDY LOAM, 10 TO 15 PERCENT SLOPES,<br>MODERATELY ERODED      | highly erodible                |
| ShD3          | SASSAFRAS SANDY LOAM, 10 TO 15 PERCENT SLOPES,<br>SEVERELY ERODED        | highly erodible                |
| Sx            | SWAMP  | not highly erodible            |
| Tm            | TIDAL MARSH  | not highly erodible            |
| WaB2          | WESTPHALIA FINE SANDY LOAM, 2 TO 6 PERCENT SLOPES,<br>MODERATELY ERODED  | potentially highly<br>erodible |
| WaC2          | WESTPHALIA FINE SANDY LOAM, 6 TO 12 PERCENT SLOPES<br>MODERATELY ERODED  | highly erodible                |
| WaC3          | WESTPHALIA FINE SANDY LOAM, 6 TO 12 PERCENT SLOPES<br>SEVERELY ERODED    | highly erodible                |
| WaD2          | WESTPHALIA FINE SANDY LOAM, 12 TO 20 PERCENT SLOPES<br>MODERATELY ERODED | highly erodible                |
| WaD3          | WESTPHALIA FINE SANDY LOAM, 12 TO 20 PERCENT SLOPES,<br>SEVERELY ERODED  | highly erodible                |
| WeB2          | WESTPHALIA-EVESBORO COMPLEX, 2 TO 6 PERCENT SLOPE,<br>MODERATELY ERODED  | potentially highly<br>erodible |
| WeC2          | WESTPHALIA-EVESBORO COMPLEX, 6 TO 12 PERCENT SLOPES<br>MODERATELY ERODED |                                |
| WeC3          | WESTPHALIA-EVESBORO COMPLEX, 6 TO 12 PERCENT SLOPES<br>SEVERELY ERODED   |                                |
| WkB2          | WICKHAM FINE SANDY LOAM, 2 TO 5 PERCENT SLOPES,<br>MODERATELY ERODED     | potentially highly<br>erodible |
| WkC2          | WICKHAM FINE SANDY LOAM, 5 TO 10 PERCENT SLOPES,<br>MODERATELY ERODED    | potentially highly<br>erodible |
| WkD2          | WICKHAM FINE SANDY LOAM, 10 TO 15 PERCENT SLOPES,<br>MODERATELY ERODED   | highly erodible                |
| WmC3          | WICKHAM SANDY CLAY LOAM, 5 TO 10 PERCENT SLOPES,<br>SEVERELY ERODED      | potentially highly<br>erodible |
| WmD3          | WICKHAM SANDY CLAY LOAM, 10 TO 15 PERCENT SLOPES,<br>SEVERELY ERODED     | highly erodible                |
| WoA           | WOODSTOWN SANDY LOAM, 0 TO 2 PERCENT SLOPES                              | not highly erodible            |
| WoB2          | WOODSTOWN SANDY LOAM, 2 TO 5 PERCENT SLOPES,<br>MODERATELY ERODED        | potentially highly<br>erodible |
| WoC2          | WOODSTOWN SANDY LOAM, 5 TO 10 PERCENT SLOPES,<br>MODERATELY ERODED       | potentially highly<br>erodible |

